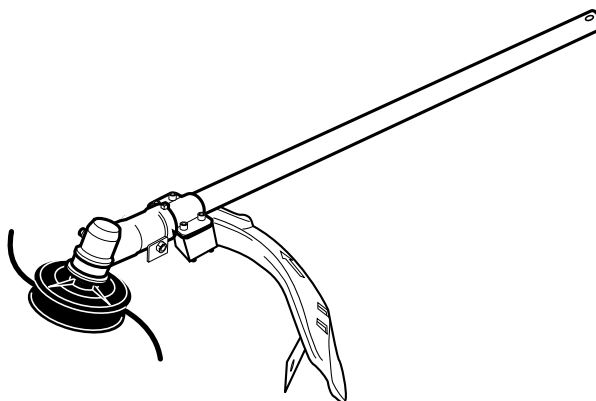


SHINDAIWA OWNER'S/OPERATOR'S MANUAL

Model: 65001 MULTI-PURPOSE TRIMMER TOOL



WARNING!

Minimize the risk of injury to yourself and others!
Read this manual and familiarize yourself with the
contents. Always wear eye and hearing protection
when operating this unit.

Introduction

The Multipurpose Trimmer Tool has been designed and built to deliver superior performance and reliability without compromise to quality, comfort, safety or durability.

As an owner/operator, you'll soon discover for yourself why Shindaiwa is simply in a class by itself!

While every attempt has been made to provide the latest information about your Shindaiwa product, there may be some differences between your attachment and what is described here.

ECHO, Inc. reserves the right to make changes to products without prior notice, and without obligation to make alterations to units previously manufactured.

IMPORTANT!

The information contained in these instructions describes units available at the time of publication.

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IMPORTANT!


The operational procedures described in this manual are intended to help you get the most from this unit as well as to protect you and others from harm. These procedures are guidelines for safe operation under most conditions, and are not intended to replace any safety rules and/or laws that may be in force in your area. If you have questions regarding your Shindaiwa hand held power equipment, or if you do not understand something in this manual, contact your local Shindaiwa dealer for assistance. You may also contact Shindaiwa at the address printed on the back of this Manual.

Attention Statements

Throughout this manual are special "attention statements".

**DANGER!**

A statement preceded by the triangular attention symbol and the word "DANGER" contains information that should be acted upon to prevent serious injury or death.

**WARNING!**

A statement preceded by the triangular attention symbol and the word "WARNING" contains information that should be acted upon to prevent serious bodily injury.

IMPORTANT!

A statement preceded by the word "IMPORTANT" is one that possesses special significance.

CAUTION!

A statement preceded by the word "CAUTION" contains information that should be acted upon to prevent mechanical damage.

NOTE:

A statement preceded by the word "NOTE" contains information that is handy to know and may make your job easier.

International Symbols



Read and follow this manual, make sure anyone using the pruner does likewise. Failure to do so could result in serious personal injury or machine failure. Keep this manual for future reference.



Always wear a hard hat to reduce the risk of head injuries during operation of this machine. In addition, always wear eye and hearing protection. Shindaiwa recommends wearing a face shield as additional face and eye protection.



Keep bystanders at least 50 ft. away.



Do not operate this tool if you are tired, ill or under the influence of alcohol, drugs, or medication.



Do not operate this machine with a brushcutter blade.

Safety

This machine operates at very high speeds and has the potential to do serious damage if misused, abused or mis-handled. To reduce the risk of injury, you must maintain control at all times, and observe all safety precautions during operation. Never permit a person without training or instruction to operate this machine!

NOTE:

For specific maintenance and safety information about your Multipurpose Tool Carrier, consult the owner's manual provided with it. If it has been lost or misplaced, contact a Shindaiwa dealer for a replacement.

Operating Precautions



WARNING!

- This Shindaiwa trimmer tool is specifically designed for use on the Shindaiwa Multipurpose Tool Carrier. Installation and/or use on any other model, brand or type of power tool is not approved by Shindaiwa. Attempts to use on non-approved models can damage the equipment and cause accidents, serious injury or death.
- Always make sure the Multipurpose Trimmer Tool is properly installed and firmly tightened before operation.
- **Never** extend trimming line beyond the length specified for your unit.
- Never use a cracked or warped cutting attachment: replace it with a serviceable one and make sure it fits properly.
- Before starting the engine, make sure the cutting attachment is not contacting anything.
- Always stop the engine immediately and check for damage if you strike a foreign object or if the machine becomes tangled. Do not operate with broken or damaged equipment.
- Stop the machine immediately if it suddenly begins to vibrate or shake. Inspect for broken, missing or improperly installed parts or attachments.
- Never transport the machine or set it down with the engine running. An engine that's running could be accidentally accelerated causing the cutting attachment to rotate.
- **ALWAYS** keep a Solid Stance. Maintain footing and balance at all times. Do not stand on slippery, uneven or unstable surfaces. Do not work in odd positions or on ladders. Do not over reach.

The Properly Equipped Operator

ALWAYS protect yourself from hazards such as thorny brush and flying debris by wearing gloves and close fitting clothing that covers arms and legs. Never wear shorts. Don't wear loose clothing or items such as jewelry that could get caught in machinery or underbrush. Secure long hair so it is above shoulder level.

*Keep a proper footing and **do not overreach**—maintain your balance at all times during operation.*

Wear sturdy footwear with nonslip soles to provide good footing. Steel-toed safety boots are recommended. Never operate unit bare-footed!



Always wear eye protection such as goggles or safety glasses. Wear hearing protection devices and a broad-brimmed hat or helmet.

***Always** operate with both hands firmly gripping the unit.*

Keep away from the rotating trimmer line at all times, and never lift a moving attachment above waist-high.

***Always** make sure the appropriate cutting attachment shield is correctly installed and in good condition.*

Be Aware of the Working Environment

Avoid long-term operation in very hot or very cold weather.

Be extremely careful of slippery terrain, especially during rainy weather.

If contact is made with a hard object, stop the engine and inspect the cutting attachment for damage.

Be constantly alert for objects and debris that could be thrown either from the rotating cutting attachment or bounced from a hard surface.

Figure 3

Make sure bystanders or observers outside the 50-foot "danger zone" wear eye protection.

Reduce the risk of bystanders being struck by flying debris. Make sure no one is within 50 feet (15 meters)—that's about 16 paces—of an operating attachment.

50'

When operating in rocky terrain or near electric wires or fences, use extreme caution to avoid contacting such items with the cutting attachment.

Safety Labels



IMPORTANT!

Safety and Information Labels: Make sure all safety and information labels are undamaged, readable and up to date. Immediately replace damaged or missing labels.

New labels are available through your local authorized Shindaiwa dealer.

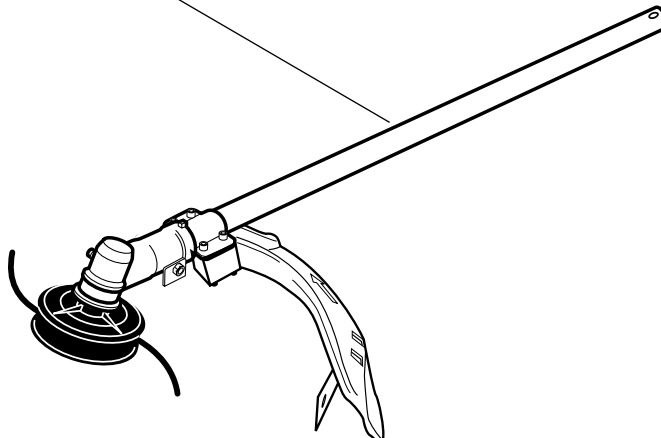


Figure 1

Product Description

Using the illustration as a guide, familiarize yourself with your machine and its various components. Understanding your machine helps ensure top performance, long service life and safer operation.

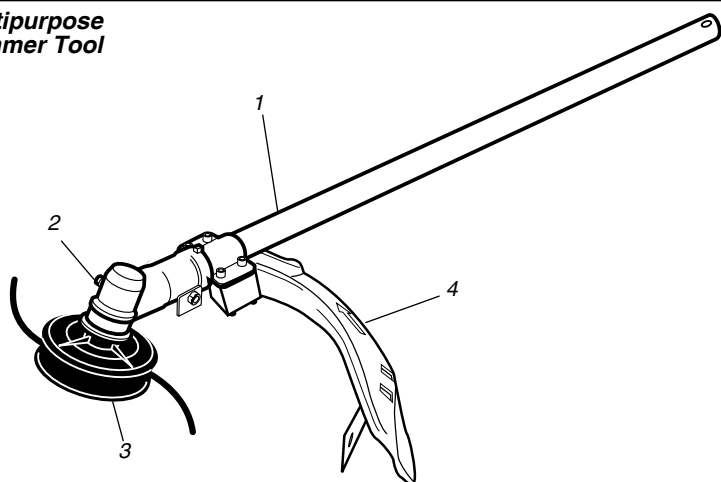
- 1 - Outer tube
- 2 - Gearcase
- 3 - Trimmer Head
- 4 - Cutting attachment shield



WARNING!

Do not make unauthorized modifications or alterations to this unit or its components.

Multipurpose Trimmer Tool



Specifications

Length/Width/Height	814 x 315 x 241 mm (32 x 12.4 x 11.8 in)
Weight	1.18 kg (2.6 lb)
Gearcase Lubrication	Lithium based grease
Gear Reduction	1.286:1
Gearcase Arbor Bolt Size	7mm Left-hand thread

*Specifications are subject to change without notice.

Prior to Assembly

Before assembling, make sure you have all the components required for a complete unit:

- Outer Tube/Main Shaft Assembly
- Cutting Attachment Shield
- Trimmer Head
- Assembly Tool (s)

Carefully inspect all components for damage.

IMPORTANT!

The terms "left", "left-hand", and "LH"; "right", "right-hand", and "RH"; "front" and "rear" refer to directions as viewed by the operator during normal operation.

Assembly

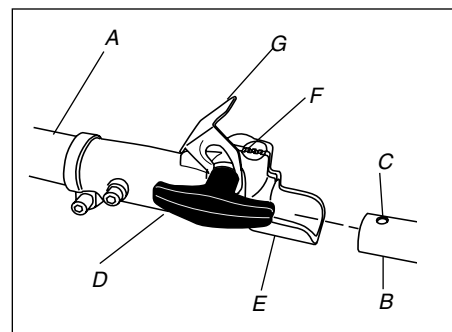
Installing a Tool Attachment

- Place the Multipurpose Tool Carrier (A) and the Tool Assembly (B) on a clean, flat surface so that both assemblies fit end to end. The powerhead assembly should be facing up, and the tool assembly should be positioned with the locking hole in the tube (C) end facing up.

CAUTION!

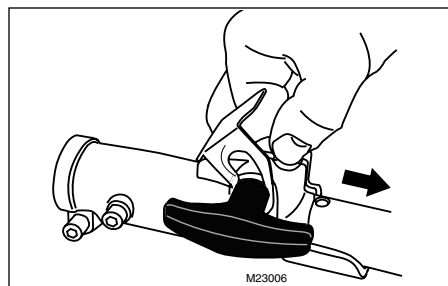
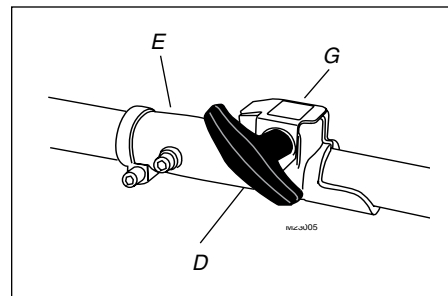
Keep the open ends of the tubes clean and free of Debris!

- Slip off the protective cover from the end of the tool, and loosen the coupler screw knob (D).
- Insert the tool assembly into the coupler (E), with the tool decal facing up, until the line of the decal is flush with the end of the coupler. Twist the tool back and forth until you are sure it snaps in place by the coupler latch (F).
- When the two tube halves are locked together, press down on the spring-loaded latch protector (G) and tighten the coupler screw knob.



Disassembling The Pole Sections

1. Place the Multipurpose Tool Carrier and the Tool Assembly on a clean, flat surface, loosen the coupler screw knob (D). The spring-loaded coupler protector (G) should pop up.
2. Press down on the latch (F) with your finger or thumb. This releases the coupler latch.
3. Pull the tool assembly (B) out of the coupler (E).



Cutting Attachment Shield

Install the Cutting Attachment Shield.

1. Insert the cutting attachment shield (A) between the outer tube and the cutting attachment mounting plate (B).

NOTE:

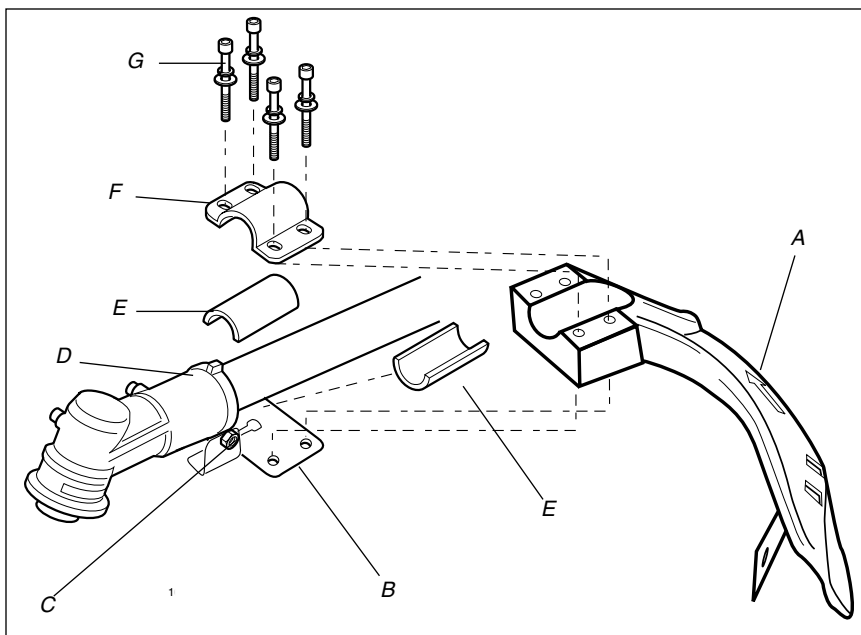
It may be necessary to loosen the retaining nut (C) and clamp screw (D) to adjust cutting attachment shield mounting plate.

2. Fit the two shims (E) and the bracket (F) over the outer tube and loosely install the four socket-head screws (G).

CAUTION!

Make sure the clamp screw and retaining nut is securely tightened before tightening the four socket head screws.

3. Tighten the four socket-head cap screws to secure the cutting attachment shield.



WARNING!

NEVER operate the trimmer without the cutting attachment shield installed and tightly secured!

Trimmer Head

Install the Trimmer Head.

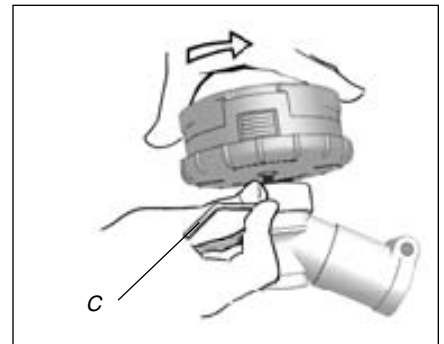
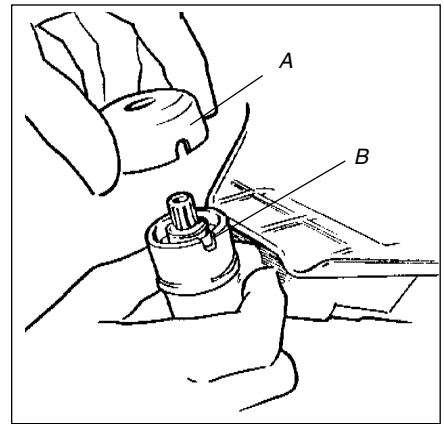
1. Turn the trimmer over so that the gearcase output shaft faces UP.
2. Remove and discard the plastic retaining plug.
3. Rotate the tool holder and shaft until the notch in the holder (A) aligns with the notch on the gearcase (B) flange, and use the long end of the hex wrench to lock the output shaft in position.
4. While holding the hex wrench, thread the trimmer head onto the output shaft, turning counter-clockwise.
5. Using hand pressure only, tighten the trimmer head firmly on the gearshaft.

IMPORTANT!

The trimmer head has a left-hand thread. Turn the trimmer head counter-clockwise to install.

6. Remove the hex wrench (C).

The Multipurpose Trimmer Tool should now be completely assembled and ready for use.



Operation

CAUTION!

Do not push the rotating line into trees, wire fences or any material that could tangle or break line ends.

CAUTION!

Operation of trimmer without a cutting attachment shield and using excessive line length can lead to premature clutch failure.

Engine Operating Speeds

Operate the unit at full throttle while cutting grass.

CAUTION!

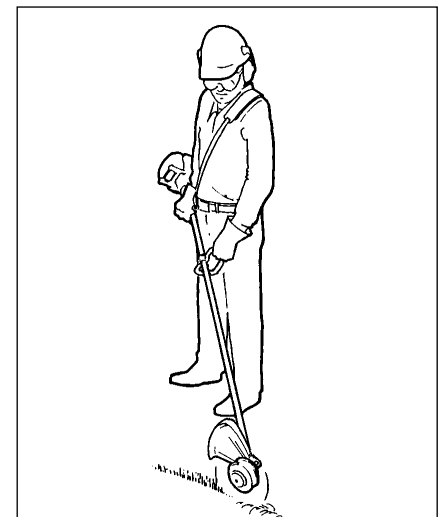
Operation at low RPM can lead to premature clutch failure.

Trimming and Mowing Grass

Hold the trimmer so the trimmer head is angled slightly into the area to be cut. To ensure maximum trimmer-line service life, cut only with the tip of the trimmer line. Cut grass by swinging the trimmer from left to right. Keep the trimmer head horizontal.

Edging

Tilt the handle about 100° to the left (from horizontal) and move forward, holding the trimmer vertically as shown.



Maintenance



WARNING!

Before performing any maintenance, repair, or cleaning work on the unit, make sure the engine and cutting attachment are completely stopped. Disconnect the spark plug wire before performing service or maintenance work.



WARNING!

Non-standard parts may not operate properly with your unit and may cause damage and lead to personal injury.

IMPORTANT!

For detailed maintenance information about your Multipurpose Tool Carrier, consult the owner's manual that was provided with it. If it has been lost or misplaced, contact Shindaiwa for a replacement.

NOTE:

Using non-standard replacement parts could invalidate your Shindaiwa warranty.

Prior to each work day, perform the following:

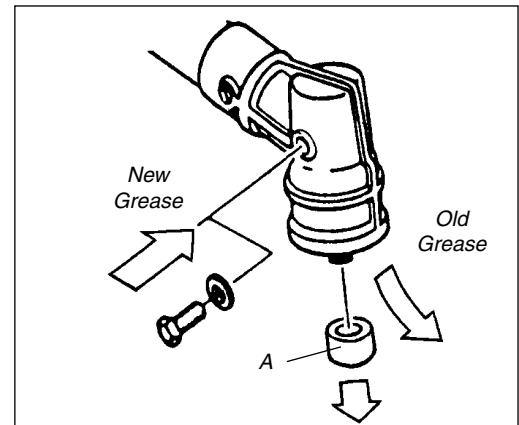
- Check for loose or missing screws or components. Make sure the cutting attachment is clean, free of debris and securely fastened.
- Check the entire machine for leaking fuel or grease.
- Make sure that nuts, bolts, and screws (except carburetor adjusting screws) are tight.

50-hour Maintenance

Every 50 hours of operation

(more frequently in dusty or dirty conditions):

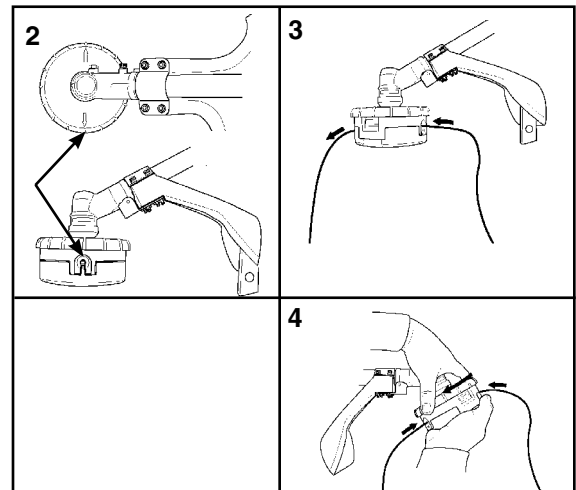
- Remove the cutting attachment and the gear shaft collar (A), and press new grease into the gear case until the old grease has been pushed out. Use only lithium-base grease such as Shindaiwa Gear Case Lubricant or equivalent.



Loading Speed-Feed® Trimmer Line

1. Cut one piece of line to recommended length.
.080 (2.0 mm) dia. - 10' (3 m)
.095 (2.4 mm) dia. - 10' (3 m)
2. Align arrows on top of knob with openings in eyelets.
3. Insert one end of trimmer line into an eyelet, and push line equal distance through trimmer head.
4. Hold trimmer head while turning knob clockwise to wind line onto spool until about 5" (13 cm) of each line remains exposed.

Trimmer head is now fully loaded and ready for operation.



IMPORTANT! When the wear indicators located at the bottom of the Speed-Feed head are worn smooth, replacement of the cover or the entire Speed-Feed head is required.



Troubleshooting Guide

ADDITIONAL PROBLEMS

Symptom	Possible Cause	Remedy
Excessive vibration.	<ul style="list-style-type: none"> Warped or damaged attachment. Loose gearcase. Bent main shaft/worn or damaged bushings. 	<ul style="list-style-type: none"> Inspect and replace attachment as required. Tighten gearcase securely. Inspect and replace as necessary.
Cutting attachment will not move.	<ul style="list-style-type: none"> Shaft not installed in powerhead or gearcase. Broken shaft. Damaged gearcase. 	<ul style="list-style-type: none"> Inspect and reinstall as required. Consult with an authorized Shindaiwa servicing dealer.
Cutting attachment moves at engine idle.	<ul style="list-style-type: none"> Engine idle too high. Broken clutch spring or worn clutch spring boss. 	<ul style="list-style-type: none"> Adjust idle. Check Specifications page for correct idle speed. Replace spring/shoes as required, check idle speed.

NOTES

[illegible]

NOTES

[illegible]

Servicing Information

Parts/Serial Number

Genuine Shindaiwa Parts and Assemblies for your Shindaiwa products are available only from an Authorized Shindaiwa Dealer. When you do need to buy parts **always** have the Model Number and Serial Number of the unit with you. You can find these numbers on the engine. For future reference, write them in the space provided below.

Model No. _____ SN. _____

Service

Service of this product during the warranty period must be performed by an Authorized Shindaiwa Service Dealer. For the name and address of the Authorized Shindaiwa Service Dealer nearest you, ask your retailer or call: 1-877-986-7783. Dealer information is also available on WWW.SHINDAIWA.COM. When presenting your unit for Warranty service/repairs, proof of purchase is required.

Consumer Product Support

If you require assistance or have questions concerning the application, operation or maintenance of this product you may call the Shindaiwa Consumer Product Support Department at 1-877-986-7783 from 8:30 am to 4:30 pm (Central Standard Time) Monday through Friday. Before calling, please know the model and serial number of your unit.

Warranty Registration

To ensure trouble free warranty coverage it is important that you register your Shindaiwa equipment by filling out the warranty registration card supplied with your unit. Registering your product confirms your warranty coverage and provides a direct link if we find it necessary to contact you.

Additional or Replacement Manuals

Replacement Operator and Parts Catalogs are available from your Shindaiwa dealer or at WWW.SHINDAIWA.COM or by contacting the Consumer Product Support Department (1-877-986-7783). Always check WWW.SHINDAIWA.COM for updated information.

The logo for Shindaiwa, featuring the word "shindaiwa" in a bold, lowercase, sans-serif font. A registered trademark symbol (®) is located at the top right of the word.

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